



## CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA  
Tel: (416) 665-9696, Fax: (416) 665-4439  
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

### 1. Identification

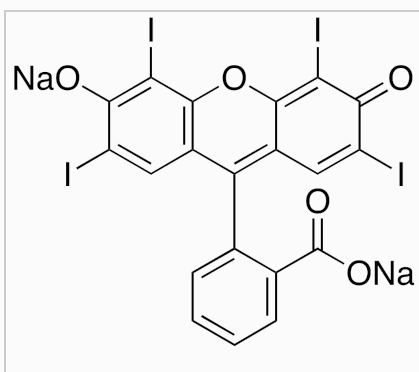
**Catalogue Number:** E650050

**CAS Number:** 16423-68-0

**Product:** Erythrosine B Disodium Salt (Technical Grade)

**Synonym:** 3',6'-Dihydroxy-2',4',5',7'-tetraiodo-spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one; rythrosine B (6CI); Fluorescein, 2',4',5',7'-tetraiodo-, disodium salt (8CI); 1427 Red; 1671 Red; 2,4,5,7-Tetraiodofluorescein Disodium Salt; 2',4',5',7'-Tetraiodofluorescein Disodium Salt; Acid Red 51; Aizen Erythrosine; Aizen Food Red 3; Basovit Red 425E; C.I. 45430; C.I. Acid Red 51; C.I. Food Red 14; Calcocid Erythrosine N; Canacert Erythrosine BS; Ceplac; Cilefa Pink B; Cogilor Red 312.10; D and C Red No.

**Structure:**



**Molecular Formula:**

$C_{20}H_6I_4Na_2O_5$

**Molecular weight:**

879.86

**Source of Product:**

N/A

**Solubility:**

Methanol (Slightly), Water (Slightly)

**Lot Number:** 2023-HAB-033

**Purity:** Technical Grade

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red to Dark Red Solid	Dark Red Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	205 nm, 247 nm, 310 nm, 531 nm

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	3/15/2023	3/13/2027
				